

Title (en)

DEVICE AND METHOD OF SUPPORTING REDUCED DATA TRANSMISSION BANDWIDTH

Title (de)

VORRICHTUNG UND VERFAHREN ZUR UNTERSTÜTZUNG EINER VERRINGERTEN DATENÜBERTRAGUNGSBANDBREITE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PRISE EN CHARGE DE BANDE PASSANTE DE TRANSMISSION DE DONNÉES RÉDUITE

Publication

EP 3195517 A4 20180418 (EN)

Application

EP 15842224 A 20150818

Priority

- US 201462052253 P 20140918
- US 201514718750 A 20150521
- US 2015045727 W 20150818

Abstract (en)

[origin: US2016088594A1] An eNodeB (eNB), user equipment (UE) and method for operating using a reduced data transmission bandwidth are generally described. The UE may receive downlink control information (DCI) that provides a resource allocation (RA) of a reduced physical resource block (PRBmin) of less than 1 PRB for communications in a PRB of a subframe. Whether the RA is localized or distributed may be predefined, configured via system information block or Radio Resource Control signaling, or indicated in the DCI format. The DCI format may specify the resources within the PRB allocated to the UE through a subcarrier block index and total number of subcarrier blocks or a bitmap corresponding to a unique block of subcarriers or block index. An order in a list of cell Radio Network Temporary Identifiers (RNTIs) may be used with a common RNTI to derive the reduced RA from a 1 PRB RA.

IPC 8 full level

H04W 4/70 (2018.01); **H04W 72/12** (2009.01)

CPC (source: CN EP KR US)

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Citation (search report)

- [XY] WO 2013129506 A1 20130906 - KYOCERA CORP [JP] & US 2015029974 A1 20150129 - YAMAZAKI CHIHARU [JP]
- [X] US 2014098781 A1 20140410 - VOS GUSTAV GERALD [CA], et al
- [Y] WO 2013168942 A1 20131114 - LG ELECTRONICS INC [KR] & US 2015110033 A1 20150423 - YI YUNJUNG [KR], et al
- See references of WO 2016043906A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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